

West Virginia Department of Environmental Protection
Division of Air Quality



Title V Operating Permit Revision

Earl Ray Tomblin
Governor

Randy C. Huffman
Cabinet Secretary

For Administrative Amendment Permitting Action Under 45CSR30 and Title V of the Clean Air Act

Permit Action Number: AA01 **SIC:** 4911
Name of Permittee: Longview Power, LLC
Facility Name/Location: Longview Power Plant/ Maidsville, WV
County: Monongalia
Facility Address: 966 Crafts Run Road, Maidsville, WV 26541

Description of Permit Revision: Removal of condition 6.1.1.e. which is in conflict with 40 CFR 60 Subpart Db, and removal of Rule 30 citation of authority.

Initial Title V Permit Information:

Permit Number: R30-06100134-2013
Effective Date: May 28, 2013
Expiration Date: May 14, 2018

Directions To Facility: From Morgantown, take WV Route 19 West to Route 100 North to Route 53 (Fort Martin Road). Proceed 5.4 miles. Turn left into Gate 2. Proceed to security.

THIS PERMIT REVISION IS ISSUED IN ACCORDANCE WITH THE WEST VIRGINIA AIR POLLUTION CONTROL ACT (W.VA. CODE §§ 22-5-1 ET SEQ.) AND 45CSR30 - "REQUIREMENTS FOR OPERATING PERMITS." THE PERMITTEE IDENTIFIED AT THE FACILITY ABOVE IS AUTHORIZED TO OPERATE THE STATIONARY SOURCES OF AIR POLLUTANTS IDENTIFIED HEREIN IN ACCORDANCE WITH ALL TERMS AND CONDITIONS OF THIS PERMIT.

A blue ink signature of William F. Durham, written in a cursive style.

William F. Durham
Director

September 3, 2015
Date Issued

6.0 Auxiliary Boiler [emission point ID(s): EX-1]

6.1. Limitations and Standards

6.1.1. The following conditions and requirements are specific to the Auxiliary Boiler (ID #SX-1):

- a. The hourly heat input of the Auxiliary Boiler shall not exceed 225 million British Thermal Units (MMBtu) per hour.
- b. The permittee shall not operate the Auxiliary Boiler greater than 876 hours in a calendar year.
- c. The Auxiliary Boiler shall not consume more than 197.1 million cubic feet of natural gas on an annual basis.
- d. The permittee shall perform annual maintenance of the Auxiliary Boiler.

~~e. The limits of 6.1.1.b. and c. shall be based on a 12-month rolling total.~~

~~[45CSR14, R14-0024 §6.1.1.; 45CSR§30.5.1.e.]~~

6.1.2. Emissions of nitrogen oxides (NO_x) shall be controlled with the use of low NO_x burners and good combustion practices control technologies. NO_x emissions emitted to the atmosphere from the Auxiliary Boiler Stack (EP #EX-1) shall not exceed 22.1 lb/hr based on a three-hour block average.
[45CSR14, R14-0024 §6.1.2.]

6.1.3. Emissions of SO₂ shall be controlled with the use of clean fuels (i.e. natural gas) control technology. SO₂ emissions to the atmosphere from the Auxiliary Boiler Stack (EP #EX-1) shall not exceed 0.133 lb/hr based on a three-hour block average. *Compliance with this streamlined lb/MMBtu SO₂ emission limit assures compliance with 45CSR §10-3.3.f.*

- a. The auxiliary boiler shall not consume any natural gas with a sulfur content greater than 0.15 grains per 100 cubic feet of natural gas

[45CSR14, R14-0024 §6.1.3.; 45CSR§10-3.3.f.]

6.1.4. PM and PM-10 emissions emitted to the atmosphere from the Auxiliary Boiler Stack (EP #EX-1) shall not exceed 1.26 lb/hr based on a six-hour block average. *Compliance with this streamlined lb/MMBtu PM emission limit assures compliance with 45CSR §2-4.1.b.*
[45CSR14, R14-0024 §6.1.4.; 45CSR§2-4.1.b.]

6.1.5. CO emissions emitted to the atmosphere from the Auxiliary Boiler Stack (EP #EX-1) shall not exceed 9 lb/hr based on a three-hour block average.
[45CSR14, R14-0024 §6.1.5.]

6.1.6. VOC emissions emitted to the atmosphere from the Auxiliary Boiler Stack (EP #EX-1) shall not exceed 1.22 lb/hr based on a three-hour block average.
[45CSR14, R14-0024 §6.1.6.]